



Patent  
Attorney's Docket No. 005950-737

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
O'Rear et al. ) Group Art Unit: 1621  
Application No.: 10/720,674 ) Examiner:  
Filed: November 25, 2003 ) Confirmation No.: 6250  
For: Gas-to Liquid CO<sub>2</sub> Reduction by Use of )  
H<sub>2</sub> as a Fuel )  
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)  
)  
)

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 29, 2004

By: Melissa M. Hayworth  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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O'Rear et al. . ) Group Art Unit: 1621  
Application No.: 10/720,674 ) Examiner: Unassigned  
Filed: November 25, 2003 ) Confirmation No.: 6250  
For: Gas-to-Liquid CO<sub>2</sub> Reduction by Use of H<sub>2</sub> )  
as a Fuel )

**INITIAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following co-pending applications in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the co-pending applications cited is enclosed.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the co-pending applications are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

By citation to the copending applications, confidentiality is not waived and the Office is requested to maintain the confidentiality of the copending applications under 35 U.S.C. § 122.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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as a Fuel )

**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following co-pending applications in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the co-pending applications cited is enclosed.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By: Melissa M. Hayworth  
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Registration No. 45,774

Date: Jun 29, 2004

Substitute for form 1449A/PTO	ATTORNEY'S DKT NO. 005950-737	APPLICATION NO. 10/720,674
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	APPLICANT O'Rear et al.	FILING DATE 11/25/2003
		GROUP 1621

JUL 01 2004

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO		ATTORNEY'S DKT No. 005950-737	APPLICATION NO. 10/720,674
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICANT O'Rear et al.	
		FILING DATE 11/25/2003	GROUP 1621

JUL 01 2004



U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	6,703,429		O'Rear	03-09-2004
	6,693,138		O'Rear	02-17-2004
	6,147,126		DeGeorge et al.	11-14-2000
	6,103,773		Wittenbrink	08-15-2000
	6,043,288		DeGeorge et al.	03-28-2000
	5,689,031		Berlowitz et al.	11-18-1997
	5,545,674		Behrmann et al.	08-13-1996
	5,423,894		Child et al.	06-13-1995
	4,663,305		Mauldin et al.	05-05-1987
	4,621,072		Arntz et al.	11-04-1986
	4,568,663		Mauldin	02-04-1986
	4,542,122		Payne et al.	09-17-1985

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	No
	00/69990	A1	WO	11-23-2000	X	
	00/69989	A1	WO	11-23-2000	X	
	0 635 555	A2	EP	01-25-1995	X	
	0 921 184	A1	EP	06-09-1999	X	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	"Alchemy in Alaska", <i>Frontiers</i> pp 14-20 (2002)		
Examiner Signature	Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.